

Fig. 1

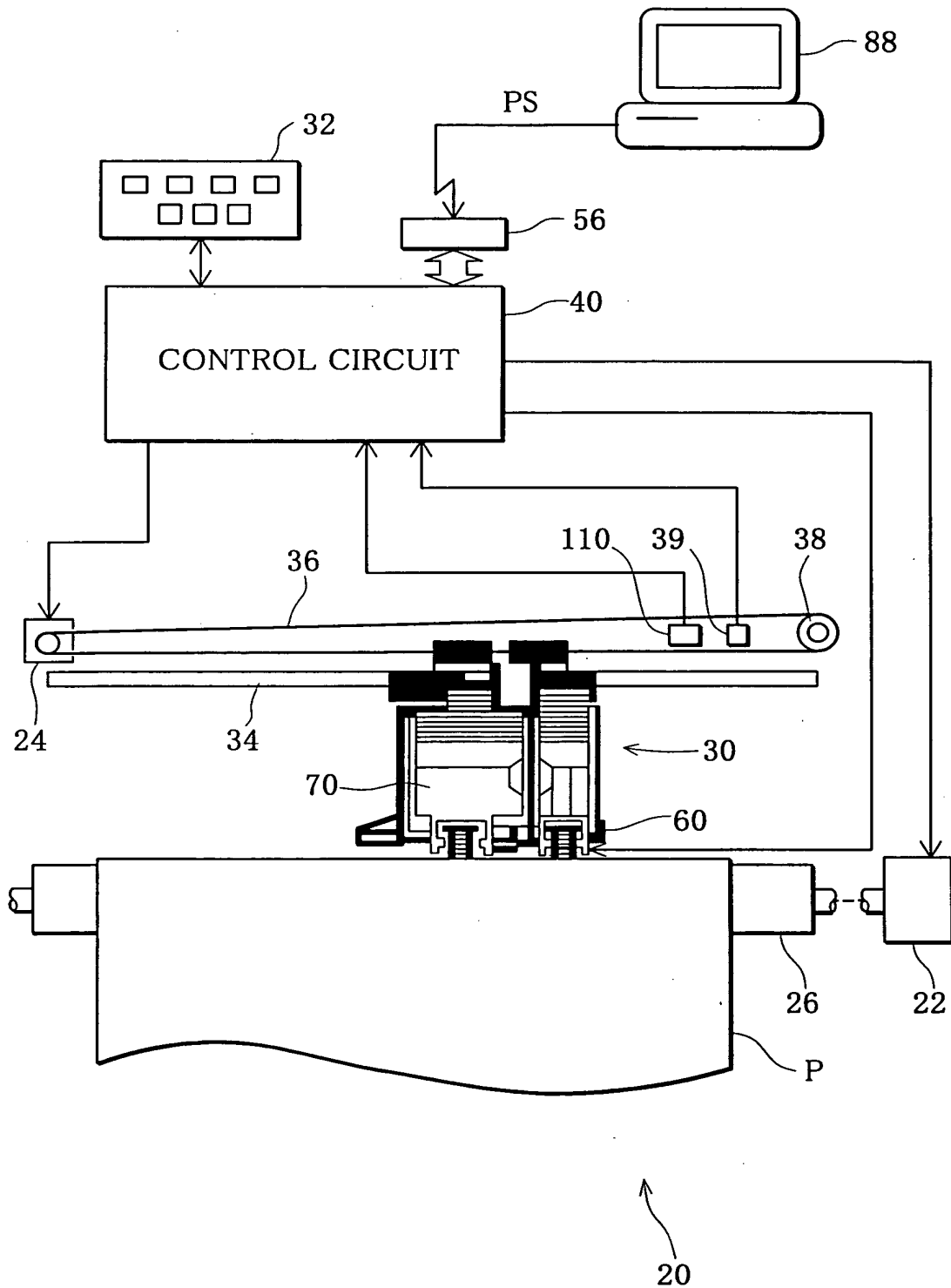


Fig. 2

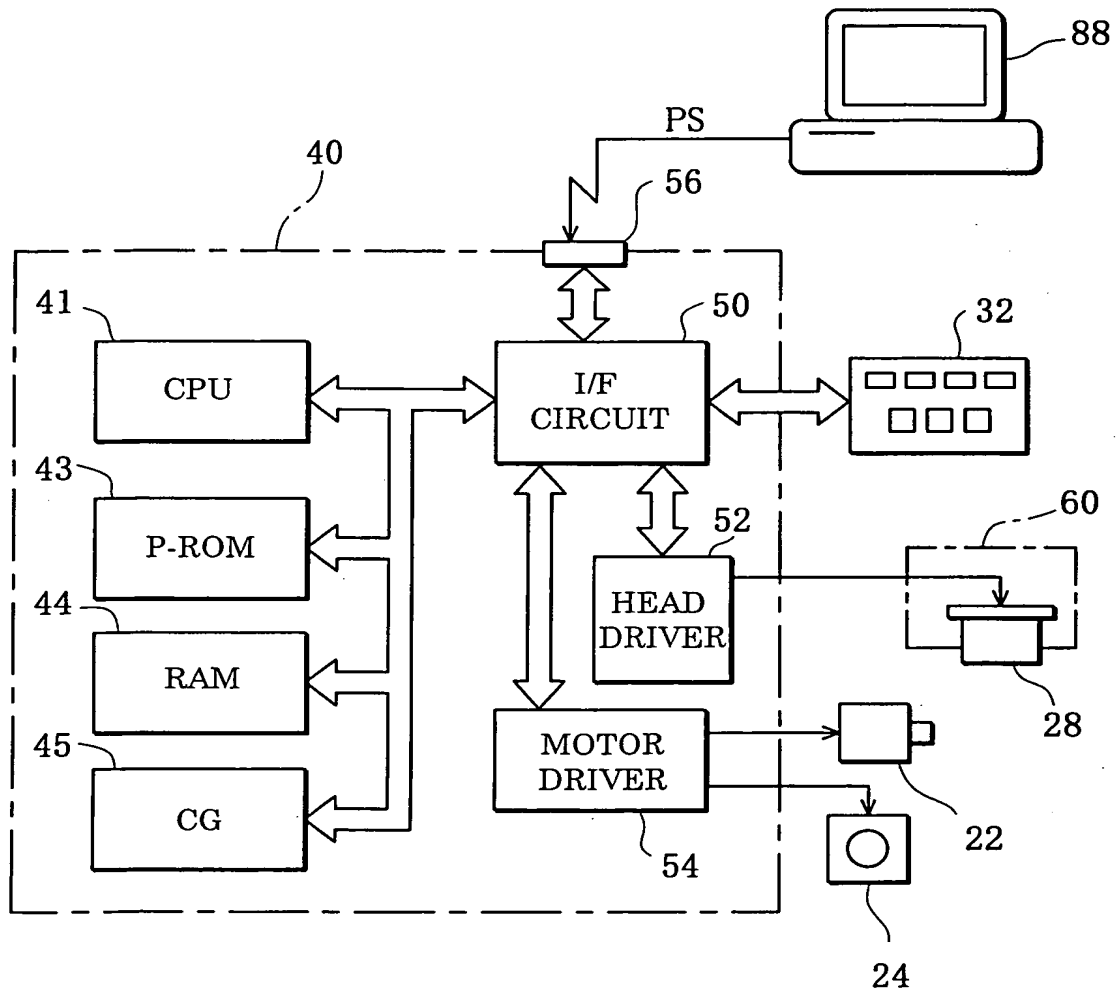


Fig. 3

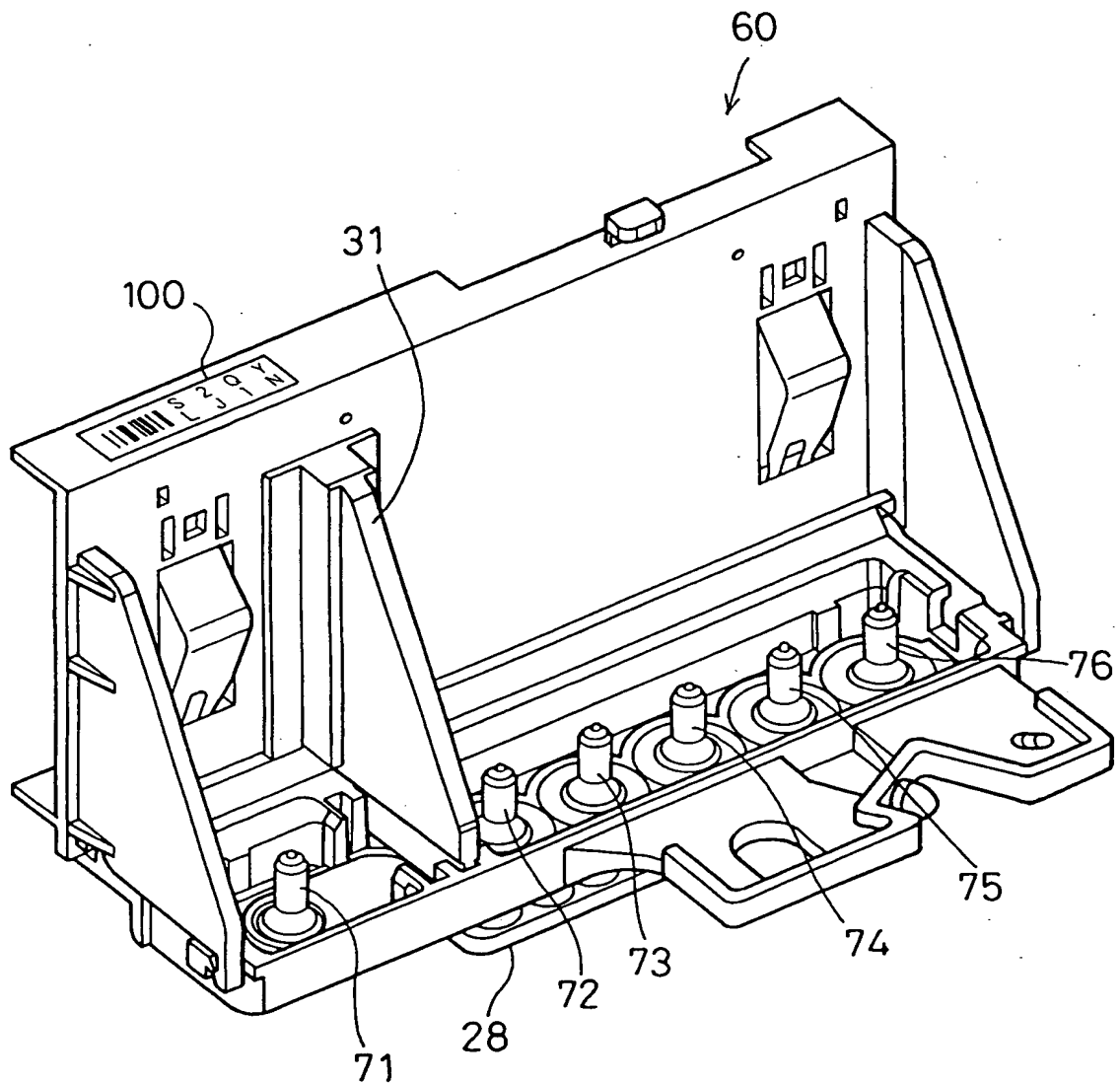


Fig. 4

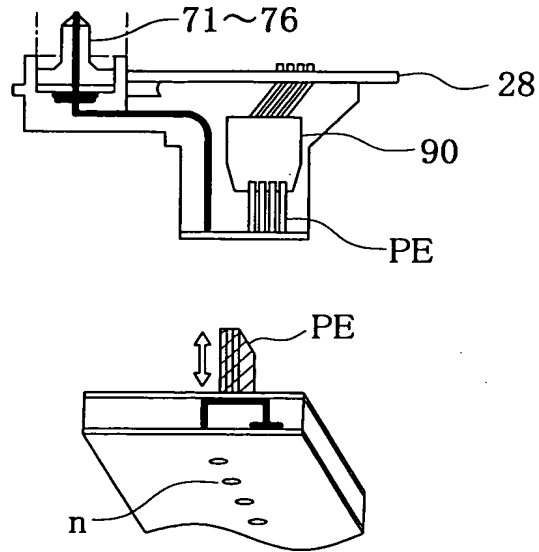


Fig. 5(A)

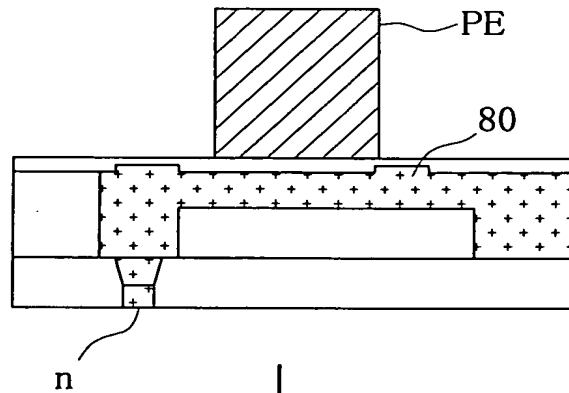


Fig. 5(B)

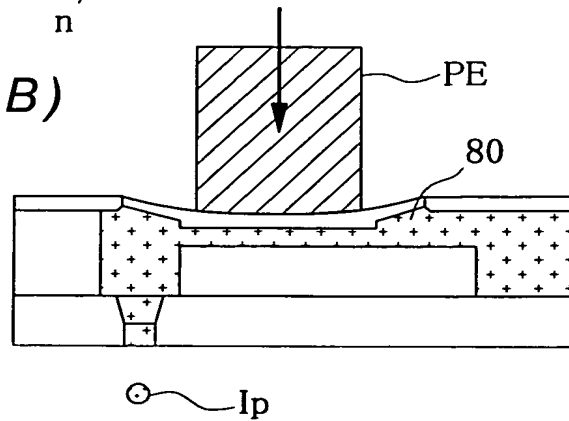


Fig. 6

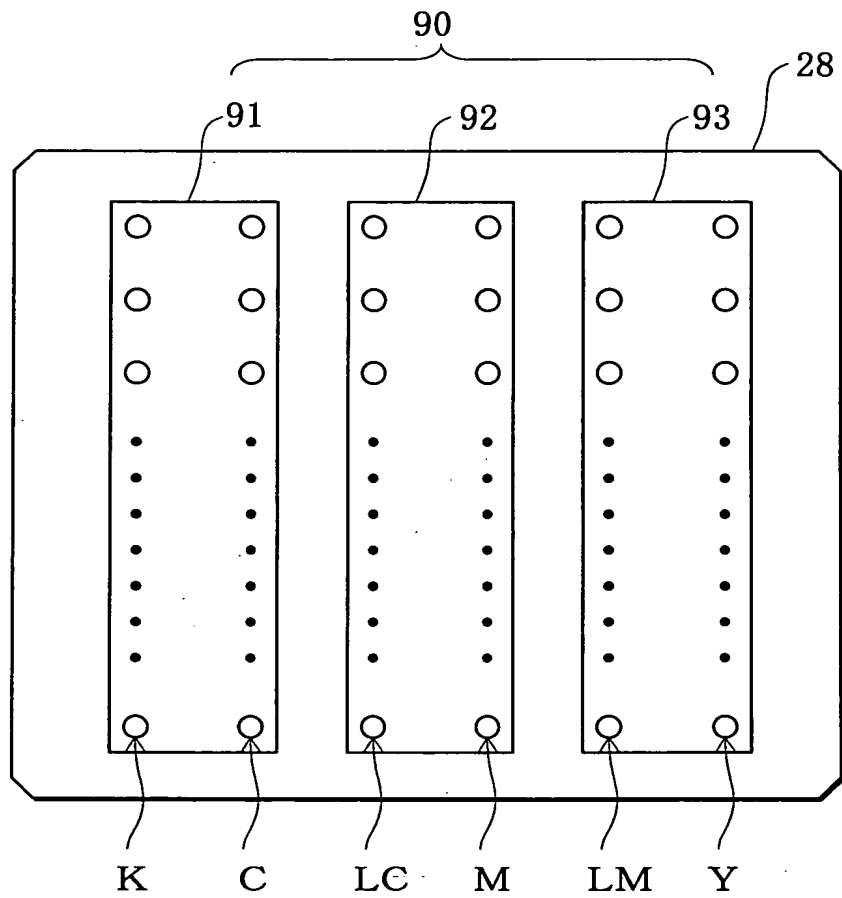


Fig. 7

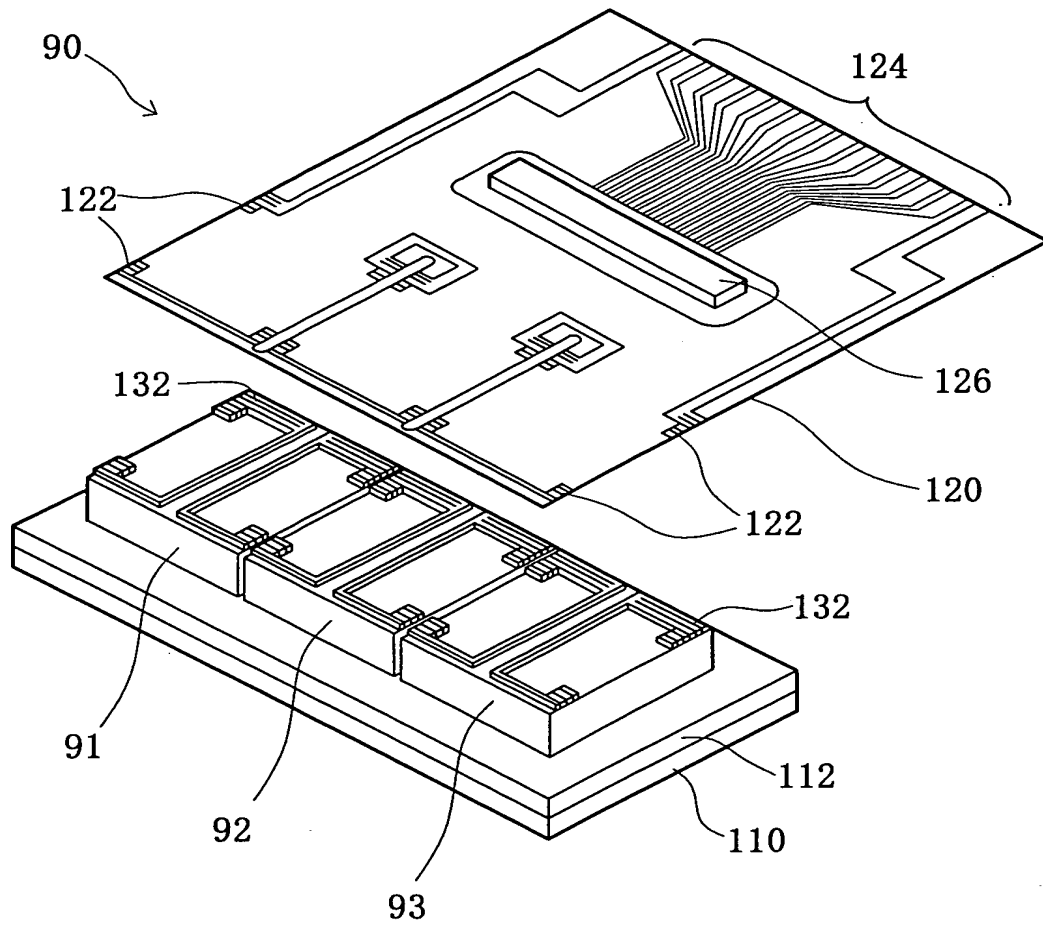


Fig. 8

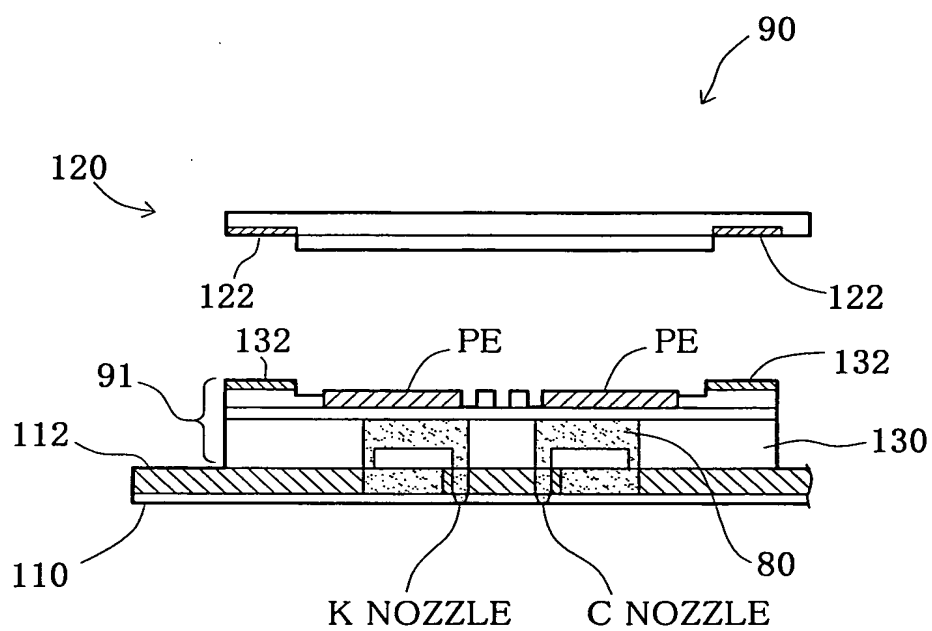


Fig. 9

POSITIONAL DEVIATION DURING BI-DIRECTIONAL PRINTING
FOR DOTS OF DIFFERENT INKS

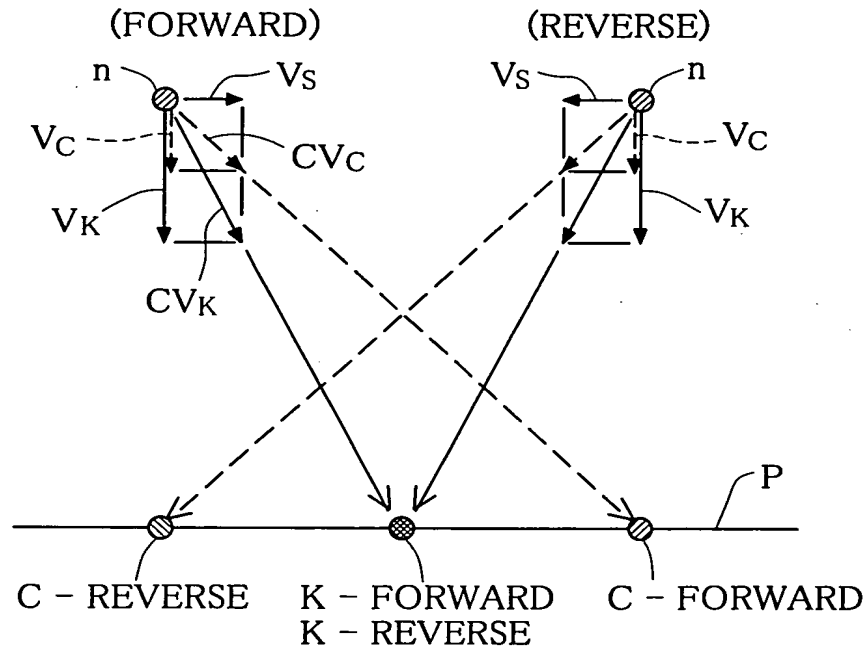


Fig. 10

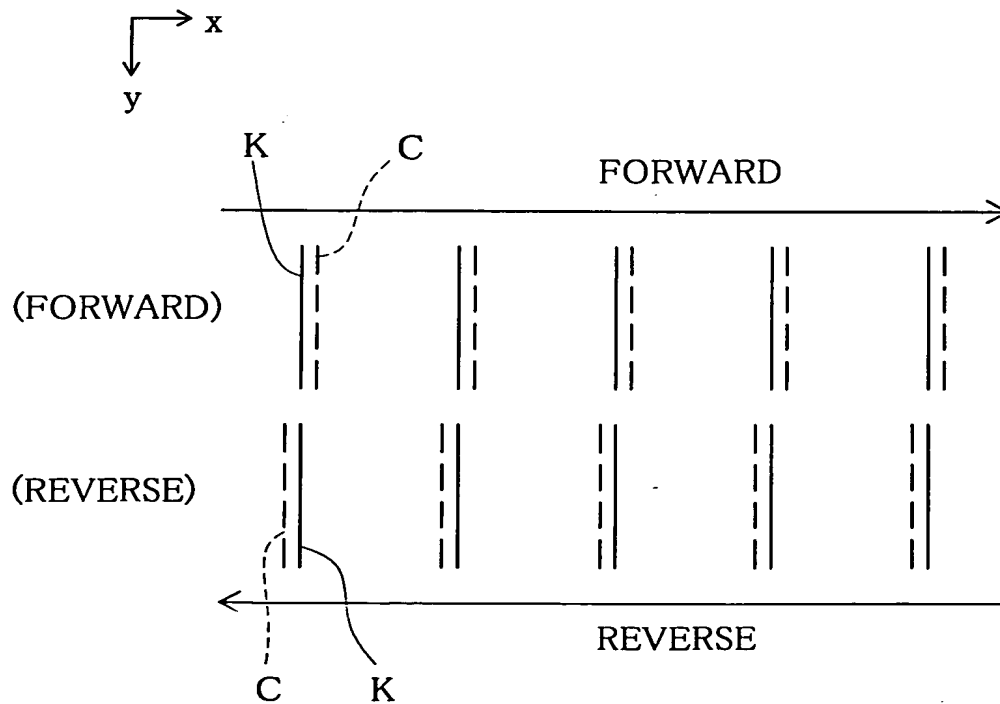


Fig. 11

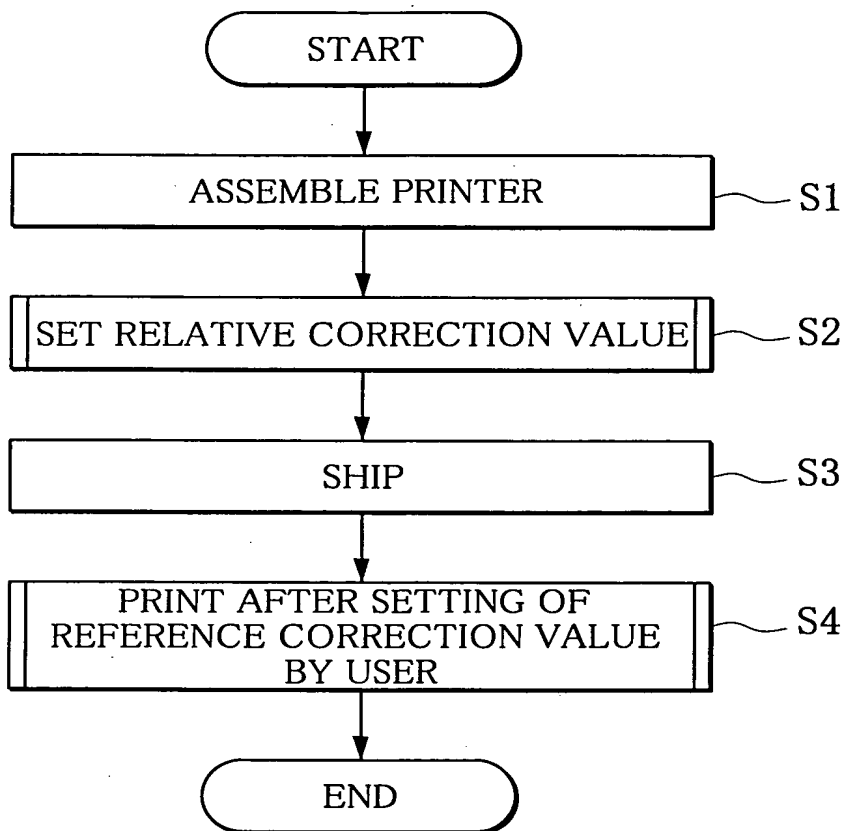


Fig. 12

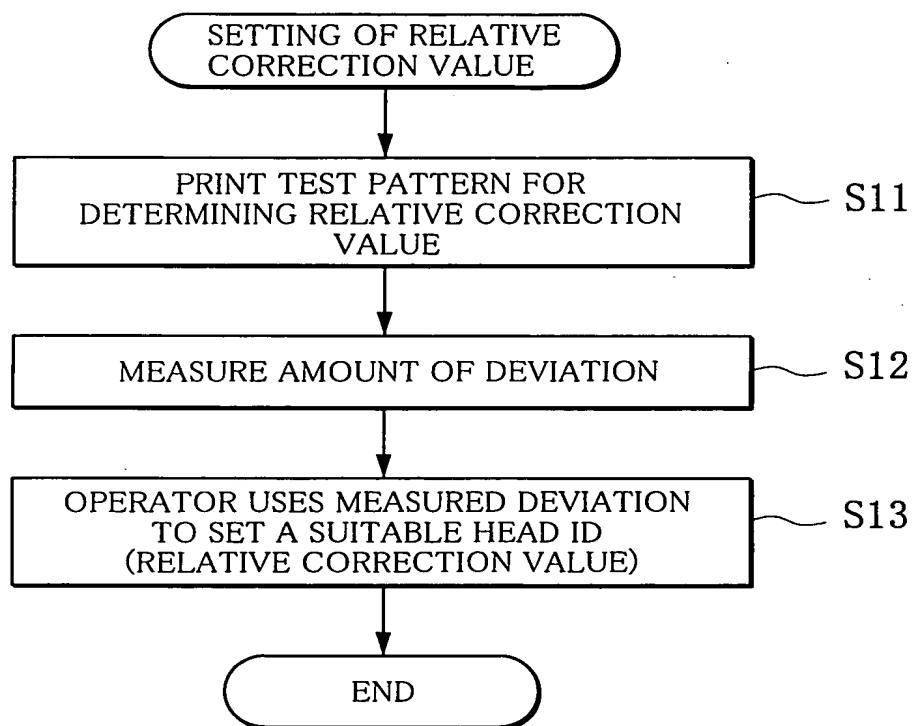


Fig. 13

TEST PATTERN FOR DETERMINING RELATIVE
CORRECTION VALUE

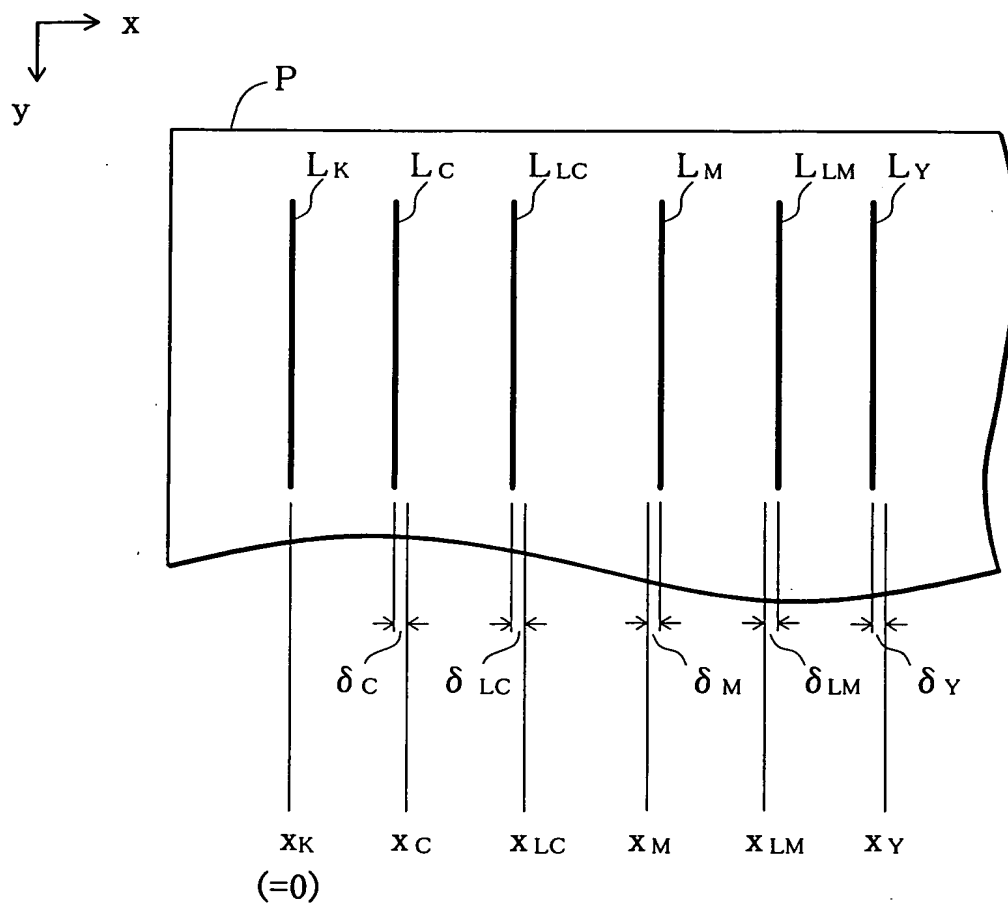


Fig. 14

| HEAD ID | Δ (μ m) |
|------------|---------------------|
| 1 | -35.0 |
| 2 | -17.5 |
| 3 | 0 |
| 4 | +17.5 |

Fig. 15

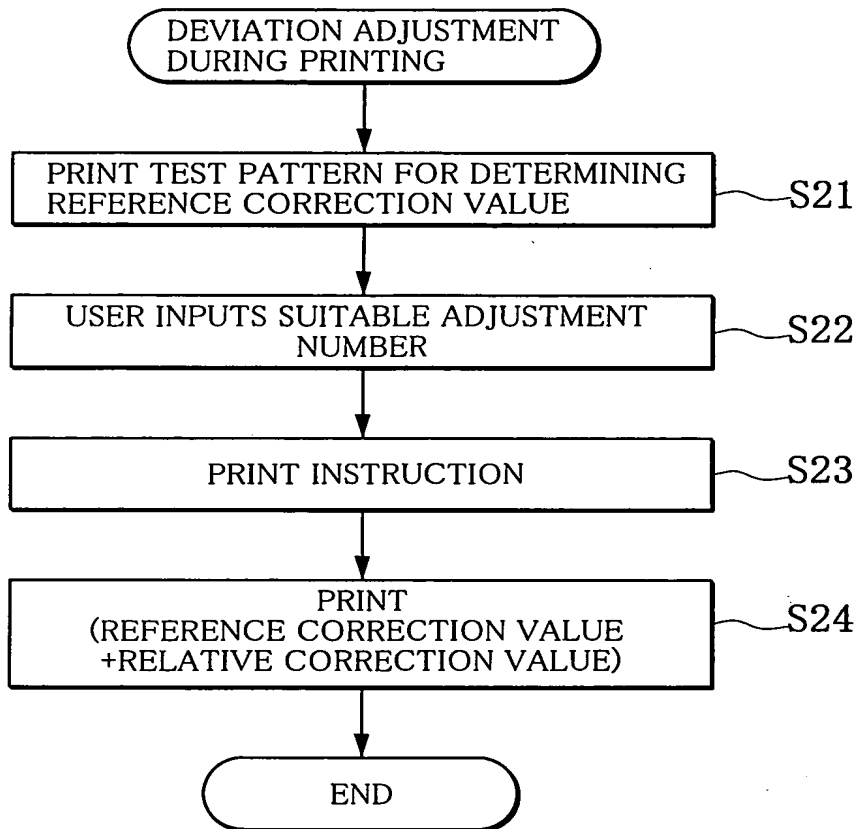


Fig. 16

TEST PATTERN FOR DETERMINING
REFERENCE CORRECTION VALUE

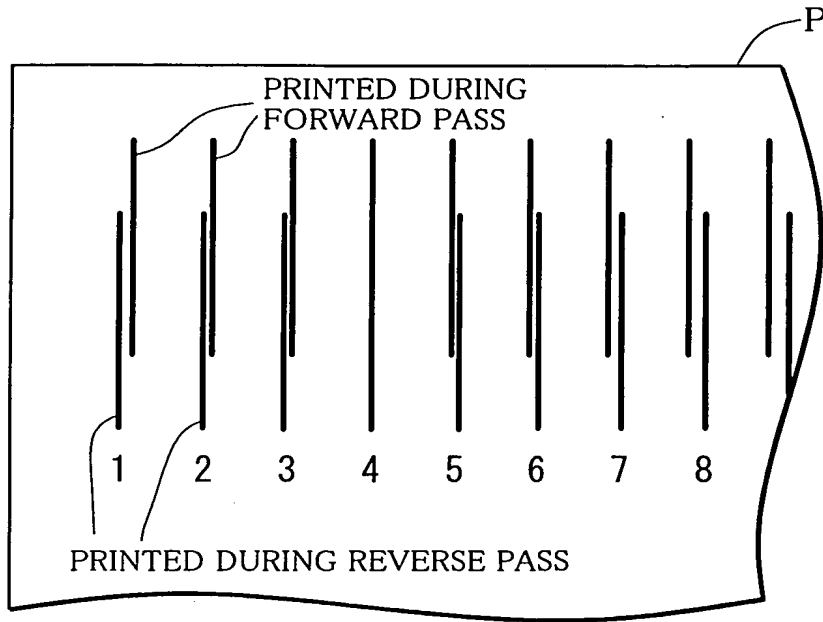


Fig. 17

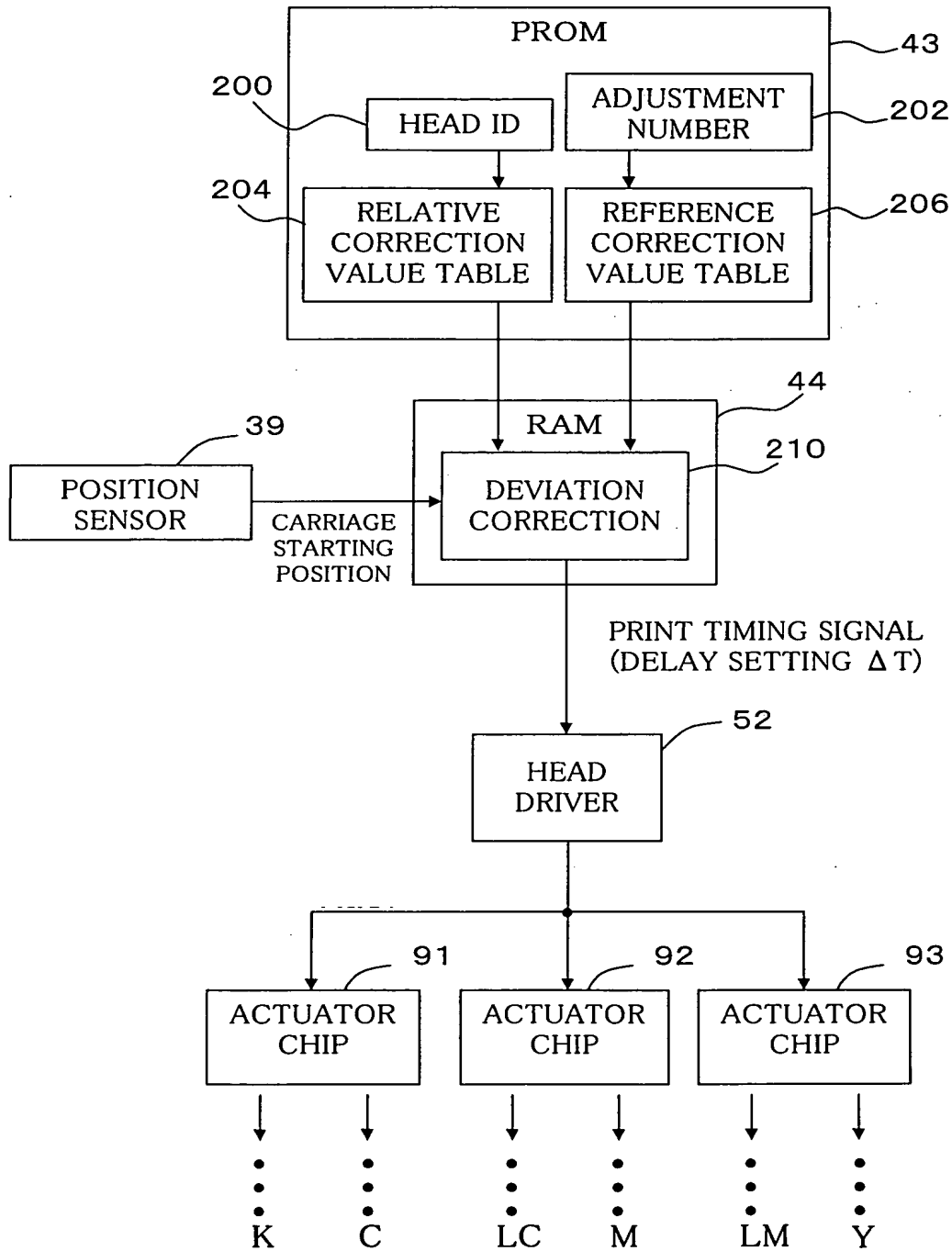


Fig. 18(A)

BEFORE ADJUSTMENT

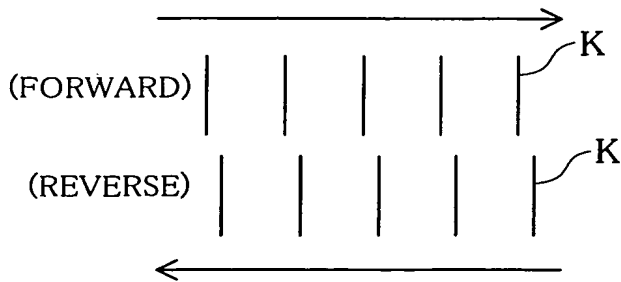


Fig. 18(B)

ADJUSTED BASED ON
REFERENCE CORRECTION
VALUE (K ONLY)

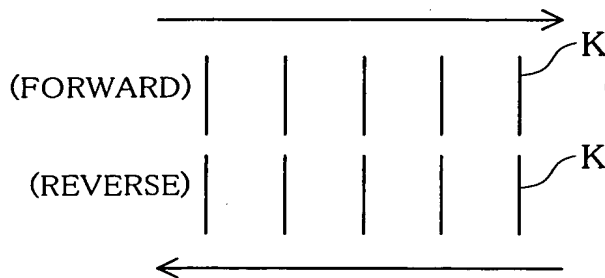


Fig. 18(C)

ADJUSTED BASED ON
REFERENCE CORRECTION
VALUE (K + C)

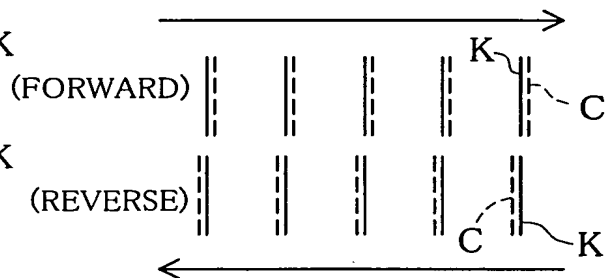
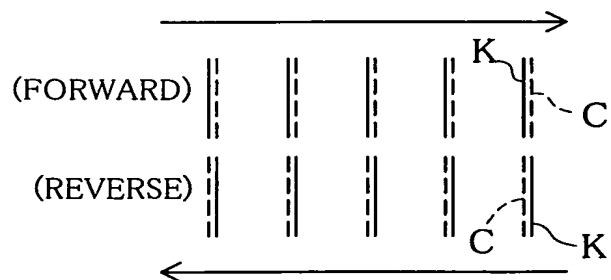


Fig. 18(D)

ADJUSTED BASED ON REFERENCE
+ RELATIVE CORRECTION VALUES
(K + C)



K DOTS AND C DOTS ARE
THE TARGET OF ADJUSTMENT
(RELATIVE CORRECTION
VALUE $\Delta = -\delta c$)

Fig. 19(A)

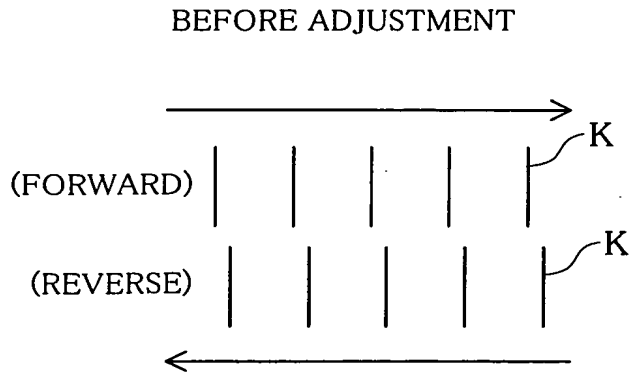


Fig. 19(B)

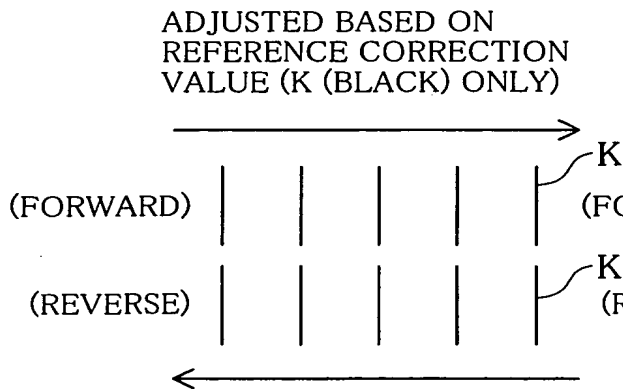


Fig. 19(C)

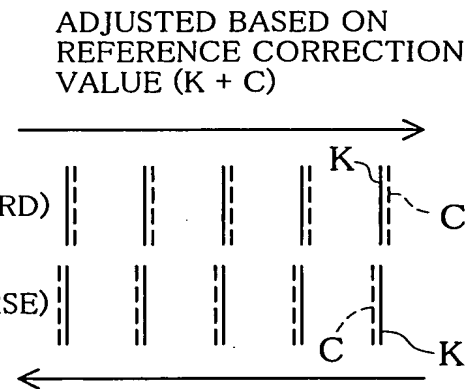


Fig. 19(D)

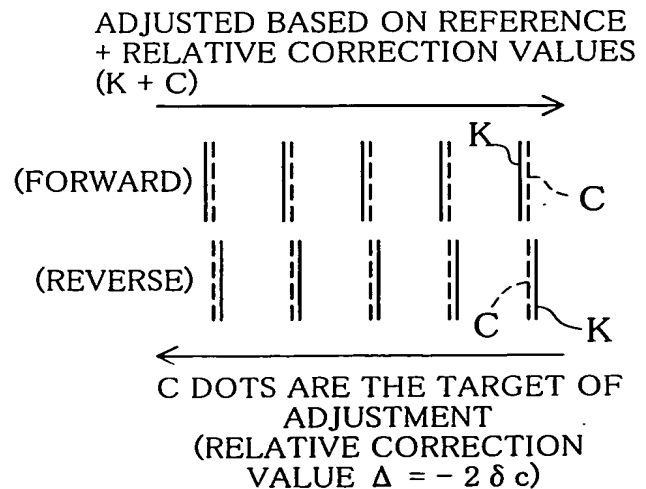


Fig. 20

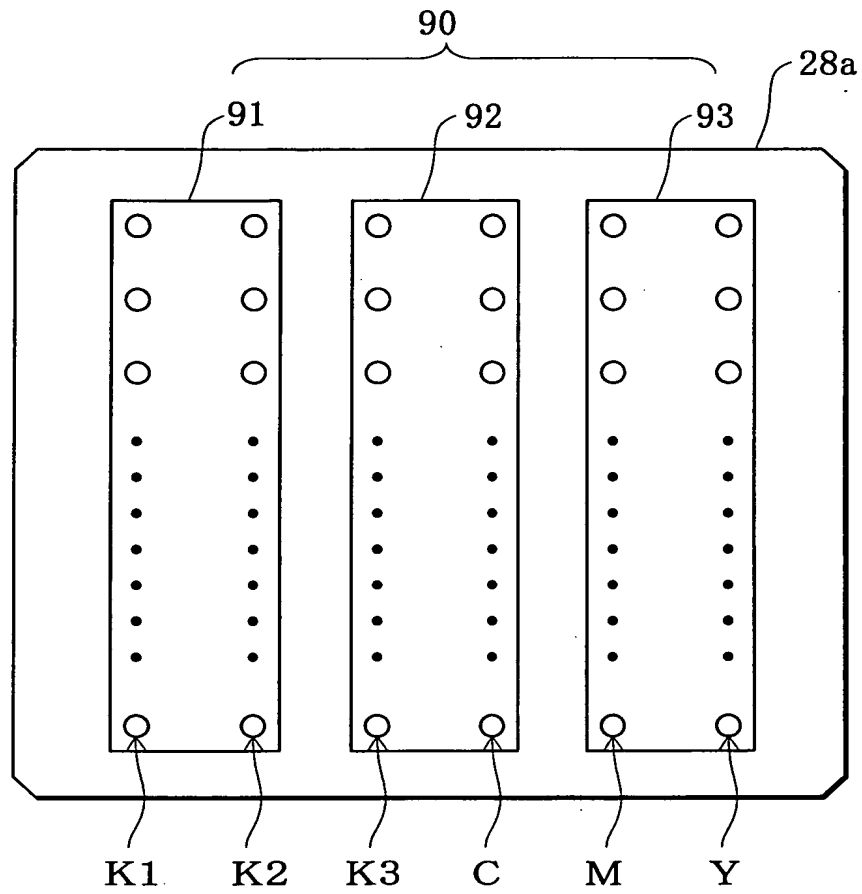
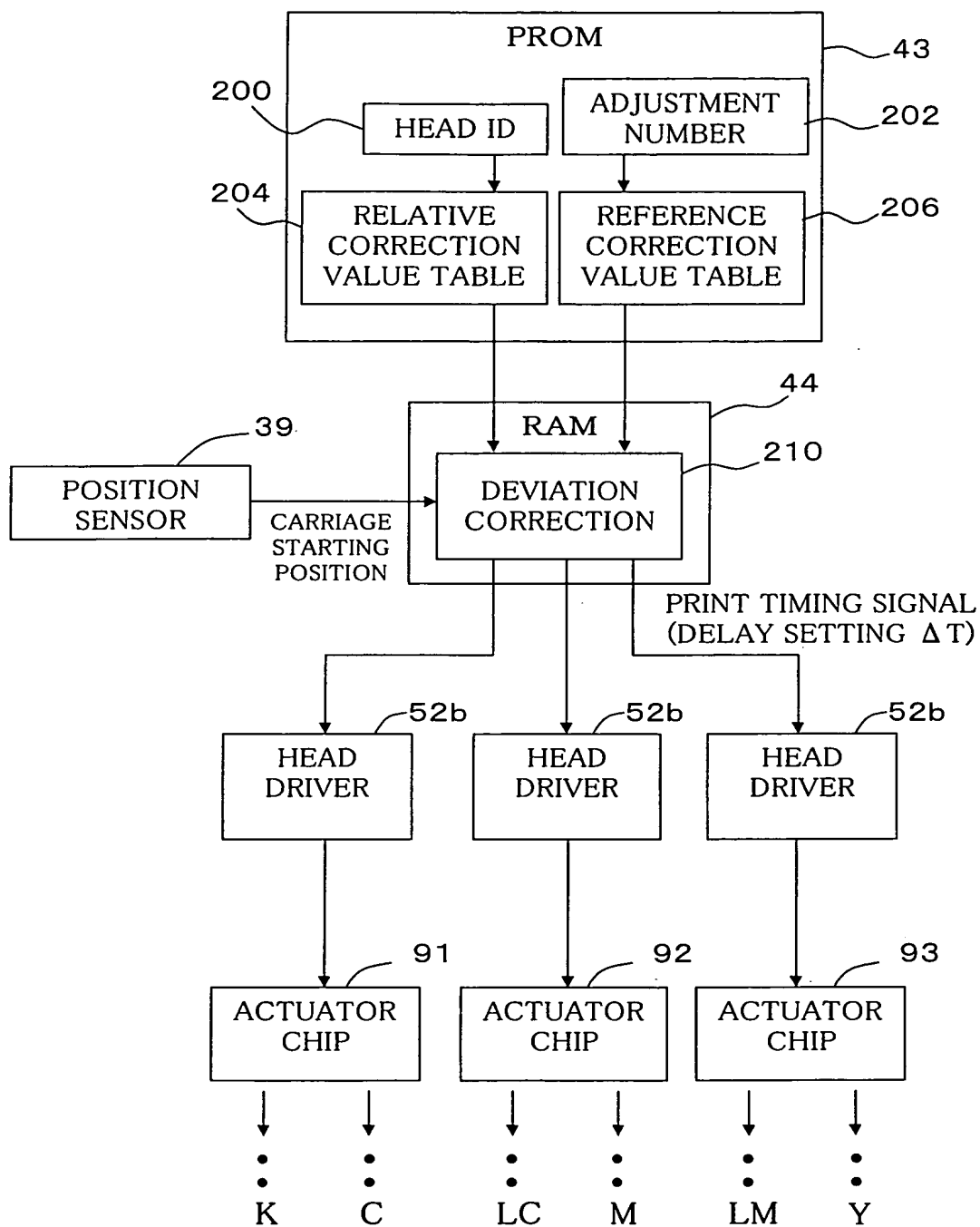


Fig. 21



WAVEFORMS OF BASE DRIVE SIGNAL IN THIRD EMBODIMENT

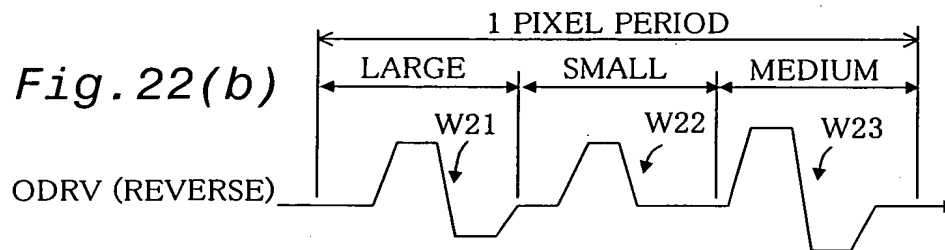
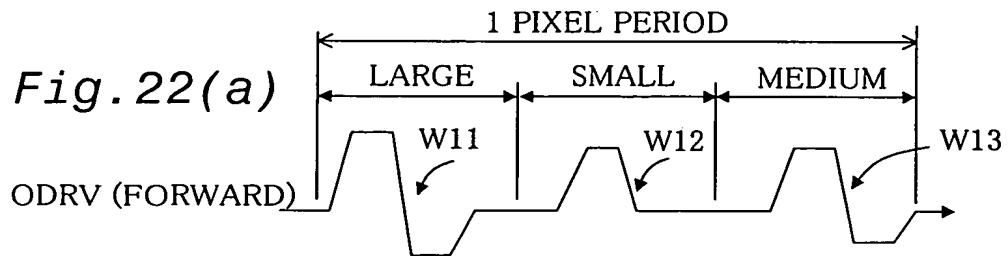


Fig. 23

THIRD EMBODIMENT

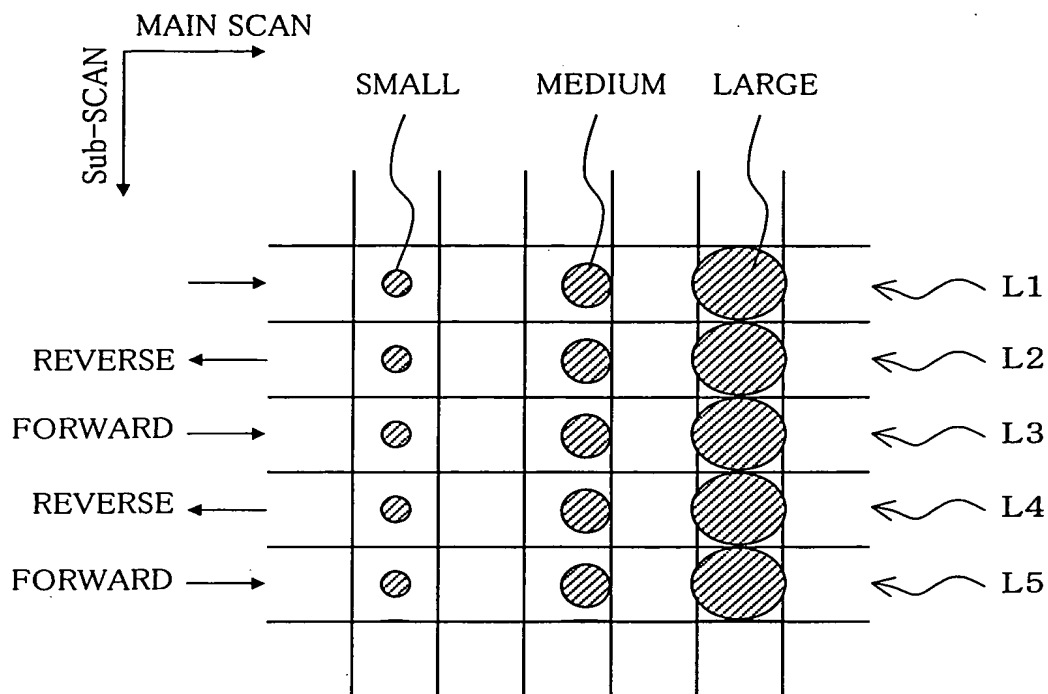


Fig. 24

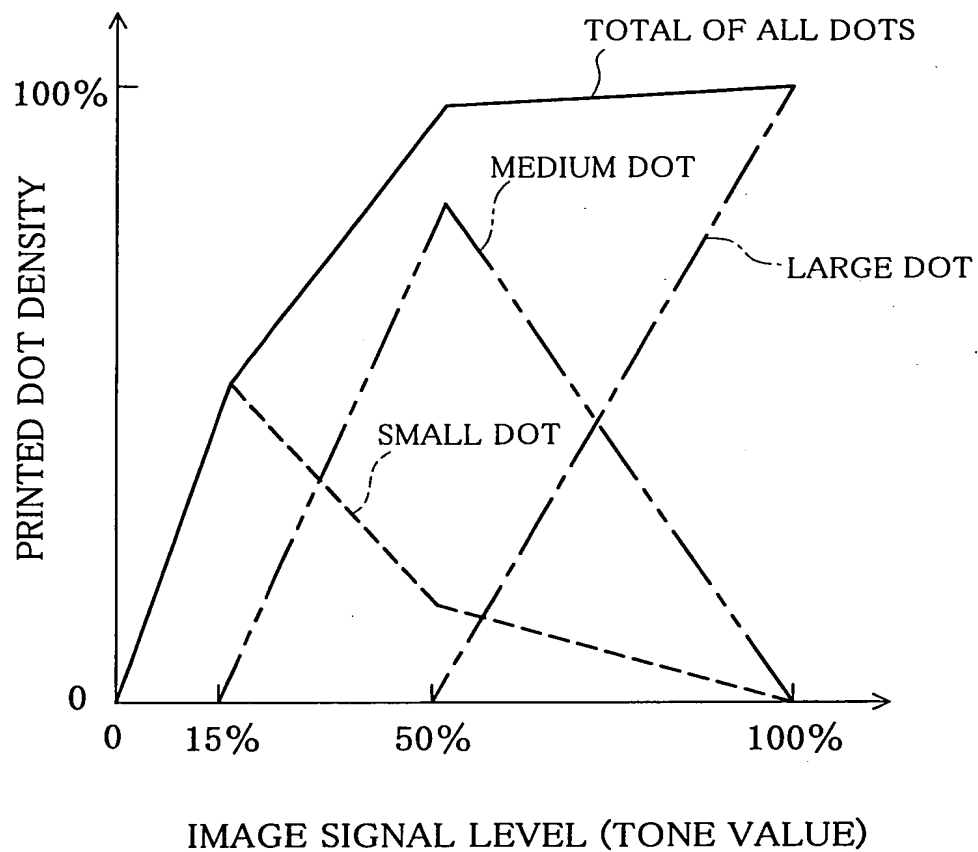
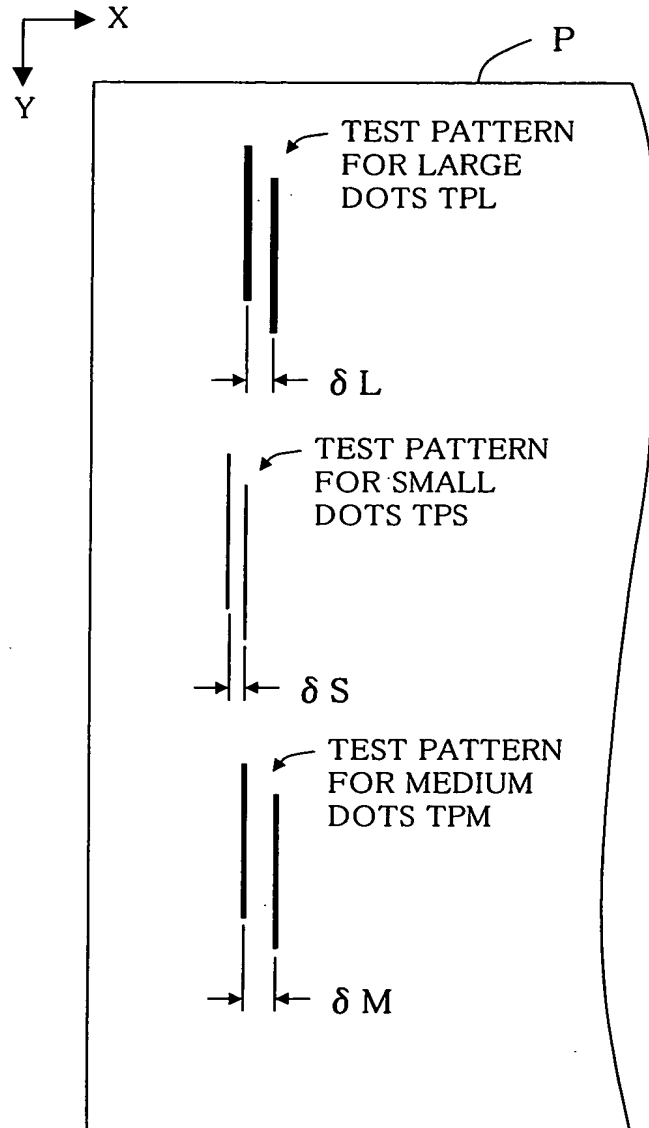


Fig. 25

TEST PATTERN FOR DETERMINING
RELATIVE CORRECTION VALUES



RELATIVE CORRECTION VALUE FOR SMALL DOTS: $\Delta S = (\delta S - \delta L)$
RELATIVE CORRECTION VALUE FOR MEDIUM DOTS: $\Delta M = (\delta M - \delta L)$

Fig. 26(A)

BEFORE ADJUSTMENT (LARGE DOTS)

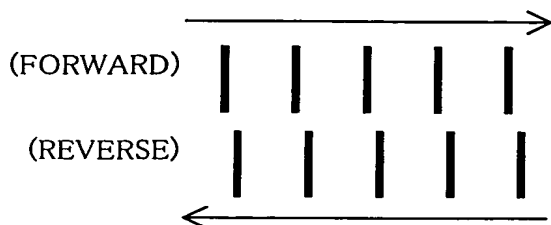


Fig. 26(B)

ADJUSTED BASED ON REFERENCE
CORRECTION VALUE
(LARGE DOTS ONLY)

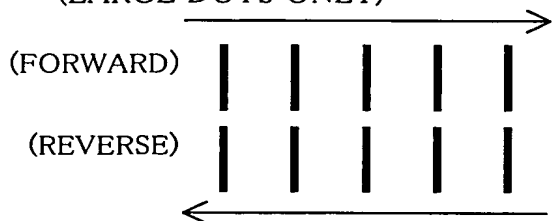


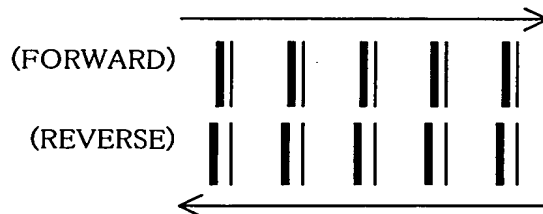
Fig. 26(C)

ADJUSTED BASED ON REFERENCE
CORRECTION VALUE
(LARGE DOTS + SMALL DOTS)



Fig. 26(D)

ADJUSTED BASED ON REFERENCE
+ RELATIVE CORRECTION VALUES
(LARGE DOTS + SMALL DOTS)



SMALL DOTS ARE THE
TARGET OF ADJUSTMENT